

Vaughan to receive national award

Chet Vaughan, chief engineer of the International Space Station Program, will receive the National Space Club 1996 Astronautics Engineer Award.

Vaughan will receive the award at the Robert H. Goddard Memorial Dinner to be held March 22 in Washington, D.C.

Vaughan was cited for his contributions to the design and analysis of attitude control propulsion systems from Mercury to shuttle. His extraordinary leadership, technical insight, aggressive management and creative solutions have influenced center and agency activities.

Over his 39-year career with NASA, Vaughan has repeatedly been selected to serve on special

assignments including, Space Station Redesign Team, Shuttle Processing Contract Reassessment Board, Magellan Pad Fire Investigation Team and rotational assignments as deputy director of Marshall Space Flight Center and chief engineer for the Office of Space Flight at NASA Headquarters.

Three get posts in Engineering

Leonard Nicholson, director of the Engineering Directorate recently named James Jaax his deputy director, Frank Buzzard his chief engineer and William Schneider his assistant director.

Jaax had taken on the role of act-

ing deputy director. He will be responsible for providing engineering, development and test support to the space shuttle and space station programs. He also will provide long-range technical planning to ensure that progress for these programs reflects current experiences.

Pending NASA Headquarters approval, Buzzard will take the responsibility of chief engineer for the International Space Station Program. Buzzard has served for two and a half years as the space shuttle chief engineer. In this capacity, he will oversee an inde-



Vaughan



Jaax



Buzzard



Schneider

pendent review of all technical activities for station, ensuring that the designs are sufficient to satisfy station requirements and that proper testing and analysis are performed.

Buzzard is replacing Vaughan, who is retiring this month.

Schneider has been assigned

the job of assistant director for engineering. He will be responsible for assisting the engineering director in managing and directing special technical engineering activities at JSC.

He also will serve as a liaison between engineering and shuttle, space station, Headquarters or JSC organizations on projects, and is a technical expert for problem resolution.

Fellowship accepting applications

Employees wishing to take advantage of educational opportunities offered by the JSC Fellowship Program have until March 29 to apply for the program.

Under the JSC Fellowship, the center will sponsor a select number of individuals to attend graduate school on a full-time basis for one year.

Criteria used for selections include the applicability of the chosen area of study and its effectiveness in contributing to the achievement of JSC's mission and goals, a brief statement of academic purpose, prior academic courses completed, the written recommendation of the division chief and the level of activity in the employee's office.

Typically, those selected for the program have at least three years of service at JSC which may include co-op time.

While application and acceptance to the graduate school is the responsibility of the applicant, tuition and fees, except travel, will be paid by JSC. Regular service agreement requirements entailing a period of three times the length of the training will apply to the program.

Interested employees should request an application from Kazuko Hall, x33075, and should contact their training coordinator for directorate-specific guidelines.

Completed applications, accompanied by written recommendations from the division chief should be forwarded to Hall in the Human Resources Development Branch no later than March 29.



JSC photo by Benny Benavides

TEACHERS ASSEMBLY—Teachers construct sections of the space station during the International Space Station Educators Conference. Participants from around the U. S. spent two days at Space Center Houston in hands-on activities and classroom sessions learning a variety of ways to teach their students about the space station, its people and ways to encourage math, engineering and science.

PMA luncheon series continues

The Houston Chapter of the Performance Management Association will conduct its fourth in a series of luncheon meetings on the implementation of Earned Value Management Systems at JSC at 11:15 a.m. Feb. 23 at the Ramada Inn on NASA Road 1.

Engineering Director Leonard

Nicholson, Space Station Program Deputy Director Doug Cooke, Rich Lyons of Lockheed-Martin and Jay Evers of Unisys will discuss the NASA and Contractor Perspective.

Reservations are due Feb. 20. For more information, contact Susan Widmer at x34299 or email to Swidmer@gp905.jsc.nasa.gov

Life science, space medicine conference set for March

The benefits of medical research conducted in space will come down to Earth during a three-day conference hosted by NASA and the American Institute of Astronautics and Aeronautics set for next month in Houston.

JSC Director George Abbey will welcome conference attendees to the Life Science and Space Medicine Conference and Exhibition being held March 5-7 at the Sheraton AstroDome Hotel.

The focus of this year's conference is "From Space Medicine to Business Opportunities," and will feature a variety of space experts.

Featured speakers include Texas Gov. George Bush; NASA Administrator Daniel S. Goldin; Harry Holloway, associate administrator of Life and Microgravity Sciences and Applications; and Dr. Carolyn Huntoon, special assistant for NASA's Biomedical Research Institute. In addition, former Astronaut Norm Thagard will contrast the U. S. and Russian space programs and Dr. Michael DeBakey will discuss Earth benefits from space.

Space professionals from the European, Japanese, Canadian and Russian Space Agencies along with

Department of Defense, NASA and the National Institutes of Health will come together to present developments in life science and space medicine as well as current programs and initiatives. A dual program provides a forum for senior industry and government leaders to address developments in both fields.

The conference focuses on several keynote and panel sessions including: cardiovascular physiology; neuroscience and exercise physiology; application of the physical sciences to life science issues; fundamental biology, spacecraft technology for terrestrial applications; technology entrepreneurship; medical issues and consequences of human exploration of space; opportunities for research on the International Space Station; tele-science and telemedicine; human factor engineering; technology commercialization; and international cooperation.

Civil servants may register to attend the conference by calling Glen Van Zandt at x33069. Others interested in attending the conference my call the AIAA at 1-800-NEW-AIAA for program details and registration forms.

JSC golf league accepting new members

The JSC Golf Association is now accepting applications for membership for the 1996 gold season.

The club conducts competitive scratch and handicap tournaments for golfers. Competition is based on USGA rules and handicaps are based on tournament scores.

Tournaments are scheduled about every two to three weeks at various courses around Houston.

Membership is open to both JSC civil servants and contractor employees. For entry forms and more information call Mario Ramirez at x48172.

Quality conference to focus on contractors

The American Society for Quality Control will host a two-day conference on Quality in the Space and Defense Industries March 4-5 at the South Shore Harbour Resort and Conference Center.

The focus of this year's conference is "Rapid Change—On The Brink of the 21st Century." Private organizations will learn new ways to

do business with NASA and the Department of Defense. A special added feature is a look at the joint exploration effort between NASA and the Russian Space Agency.

Day one of the conference will featured speakers including JSC's Safety, Reliability and Quality Assurance Director Charlie Harlan, SR&QA's Deputy Director Gary

Johnson and Frederick Gregory, associate administrator at NASA Headquarters. Day two will concentrate on "Audits and Audit Process," featuring perspectives in the way oversight of contracts is changing.

Civil servants may contact Glen Van Zandt at x33069 for registration information. Others can contact Larry Shaw at x32173.

New media center now open

The Media Resource Center, which moved to Bldg. 423, is now open. The center combines the former Still Photo Library and the Film/Video Distribution Library.

The MRC provides a centralized location for images and video and 16mm film products. This collection covers NASA's programs and achievements including activities from the Mercury Program through the current shuttle mission.

Selected images are accessible via the Internet including press release and Earth observation images. The URL address is <http://images.jsc.nasa.gov/home.htm>

The MRC is open from 8 a.m.-5 p.m. Monday-Thursday and from 8 a.m.-5 p.m. Fridays for news media only. The MRC can be reached at x34231; by fax at x32848; or by mail code AP42.

Careers plus+ presentations set for Wednesday, Friday in Teague

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educational outreach program run by the Public Affairs Office. Employees are responsible for locating teaching positions and submitting proposals outlining teaching arrangements, and may negotiate additional pay from the school where they plan to teach, but only if it is a state supported school or institution. The Human Resources Office will provide information to help employees locate opportunities; line management and Human Resources must approve all teaching arrangements and work schedules. Ideally, employees will have full-time teaching positions at the end of the

two years when they stop working for JSC.

Detailed information will be presented in the Bldg. 30 Auditorium at 2 p.m. Wednesday, 9 a.m. Friday, and 2 p.m. Feb. 28.

Handouts from these briefings will also be posted on the Human Resources Office Home Page, which can be accessed on the following Internet address: <http://hro.jsc.nasa.gov/hro/>

Employees with specific questions involving personal retirement options should call or visit Employee Services in Bldg. 45, Rm. 140, x32681. The staff can provide detailed retirement calculations and individual counseling.

Space News Roundup

The **Roundup** is an official publication of the National Aeronautics and Space Administration, Lyndon B. Johnson Space Center, Houston, Texas, and is published every Friday by the Public Affairs Office for all space center employees.

The Roundup office is located in Bldg. 2, Rm. 181. The mail code is AP2. The main Roundup telephone number is x38648 and the fax number is x45165.

Electronic mail messages should be sent to the editor, khumphri@gp301.jsc.nasa.gov or the associate editor, kschmidt@gp301.jsc.nasa.gov.

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Payloads expand science

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power and ways to study Earth's upper atmosphere. *Columbia's* crew also will work with the United States Microgravity Payload, which continues efforts to develop new materials and processes that could lead to a new generation of computers, electronics and metals.

"The science teams are really eagerly anticipating the tether flowing some current," said Mission Manager Robert McBrayer, who will oversee science operations from the Payload Operations Control Center at Marshall Space Flight Center.

Commander Andy Allen, Pilot Scott Horowitz, Mission Specialists Jeff Hoffman, Maurizio Cheli, Claude Nicollier and Franklin Chang-Diaz, Payload Specialist Umberto Guidoni

will leave for KSC on Monday to make their final preparations for the 14-day mission. Astronauts Cheli and Nicollier are both from the European Space Agency, and Guidoni is with the Italian Space Agency (ASI).

The STS-75 countdown clock will begin ticking Monday, aiming at a 2:18 p.m. CST Thursday launch from KSC's Launch Pad 39B.

TSS-1R will be aimed at understanding the possibilities for putting tether technology to work in space for a variety of applications. The third flight of USMP continues a series of missions aimed at understanding the basic properties of materials in order to produce better semiconductors for complex computers and other high-tech electronics.